

What Is Claimed Is:

1. A molded metal part produced by a process comprising the steps of:
introducing the melted material into a first chamber;
allowing at least a portion of the melted material to pass through said first chamber into a second chamber, wherein said allowing step comprises creating a suction in the second chamber to draw the portion of the melted material from the first chamber into the second chamber;
~~pushing~~ at least a portion of the melted material remaining in the first chamber into said second chamber; and
~~injecting~~ the melted material from the second chamber into the mold; and
forming in the mold the molded metal part, the molded metal part having a surface feature of sufficient definition, that substantial further processing of the surface feature is not necessary.
2. The molded metal part of claim 1, wherein the surface feature is an engraving.
3. The molded metal part of claim 1, wherein the surface feature is protruding.
4. The molded metal part of claim 1, wherein the surface feature is continuous.
5. The molded metal part of claim 1, wherein the melted material is a magnesium alloy.

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